

Revision of the Automotive Vehicle Certification System of the Russian Federation

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In the 1958 Geneva Agreement (22/A)

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Causes Stipulated Revision of the Vehicle Certification System

- Necessity of transition to application of new modern safety requirements
- Necessity of taking into account the reform of the Governmental Authorities
 - *The Federal Agency on Technical Regulating and Metrology was confirmed as the Administrative Department of the Russian Federation in the 1958 Geneva Agreement - 22/A (Government Decree of 5 September 2006 No. 541)*
- Changes in the legislative regulating
 - *Termination of the Laws “About certification of products and services” and “About standardization”*
 - *Revision of the Federal Law “About Technical Regulating” 9Federal Law of 1 May 2007 No. 65-FZ)*

The Revision No. 1 to «The Rules on Conducting of Works within the Certification System of Automotive Vehicles and Trailers»

- Agreed by the Federal Governmental Authorities;
- Agreed by the vehicle manufacturers (Association of Automotive Manufacturers) and importer (European Business Club);
- Approved by the Federal Agency on Technical Regulating and Metrology (Order of 10 December 2007 No. 3453);
- Registered by the Ministry of Justice 20 December 2007, Reg. No. 10776;
- Officially published in the “Bulletin of regulatory acts of the Federal Governmental Authorities” 2007, No. 52;
- Entered into force on 4 January 2008

General Qualification of the Changes Made

The Revision No. 1 to «The Rules on Conducting of Works within the Certification System of Automotive Vehicles and Trailers» is created from the standpoint of evolutionary development of a stable working vehicle certification system entered into force in 1992 and directed on perfecting of the mechanism restricting releasing to the Russian market of products, not complying to the modern safety requirements

Introduction of the Requirements to the New Vehicle Category

- ◆ In addition to the requirements to the vehicle categories M, N, O, L1-L5, the new set of requirements to **quadricycles (categories L6, L7)** has been introduced

Specification of Requirements to the Applicants

- ◆ A vehicle manufacturer or his designated **representative, who is registered in the Russian Federation** in a proper order, can be qualified as an applicant for vehicle certification

Updating of the National Requirements

Introduced:

- ◆ GOST R 51206 – *gaseous harmful substance concentration in the cab (revision of the 2004);*
- ◆ GOST R 52302 – *vehicle handling and stability (test methods as in the ISO 7401);*
- ◆ GOST R 51160 – *school buses (in addition to the requirements of the ECE Regulations Nos. 36, 52 and 107);*
- ◆ GOST R 51815 – *general requirements to quadricycles of L6 and L7 categories;*
- ◆ GOST R 52388 – *lighting installation for motorcycles and quadricycles of L2 and L4-L7 categories (in addition to the ECE Regulations Nos. 53 and 74)*

Updating of the ECE Regulations

- *Braking performance* (R13-09);
- *Seat belt anchorages* (R14-06);
- *Car seat strength* (R17-05);
- *Protection from unauthorized use* (R18-03);
- *Head restrains* (R25-04);
- *External projections* (R26-03);
- *Truck cab strength* (R29-02);
- *Prevention of fire risks* (R34-02);
- *Indirect vision* (R46-02);
- *Lighting installation* (R48-02, -03);
- *Coupling devices* (R55-01);
- *Bus seat strength* (R80-01).

Introducing of the New ECE Regulations

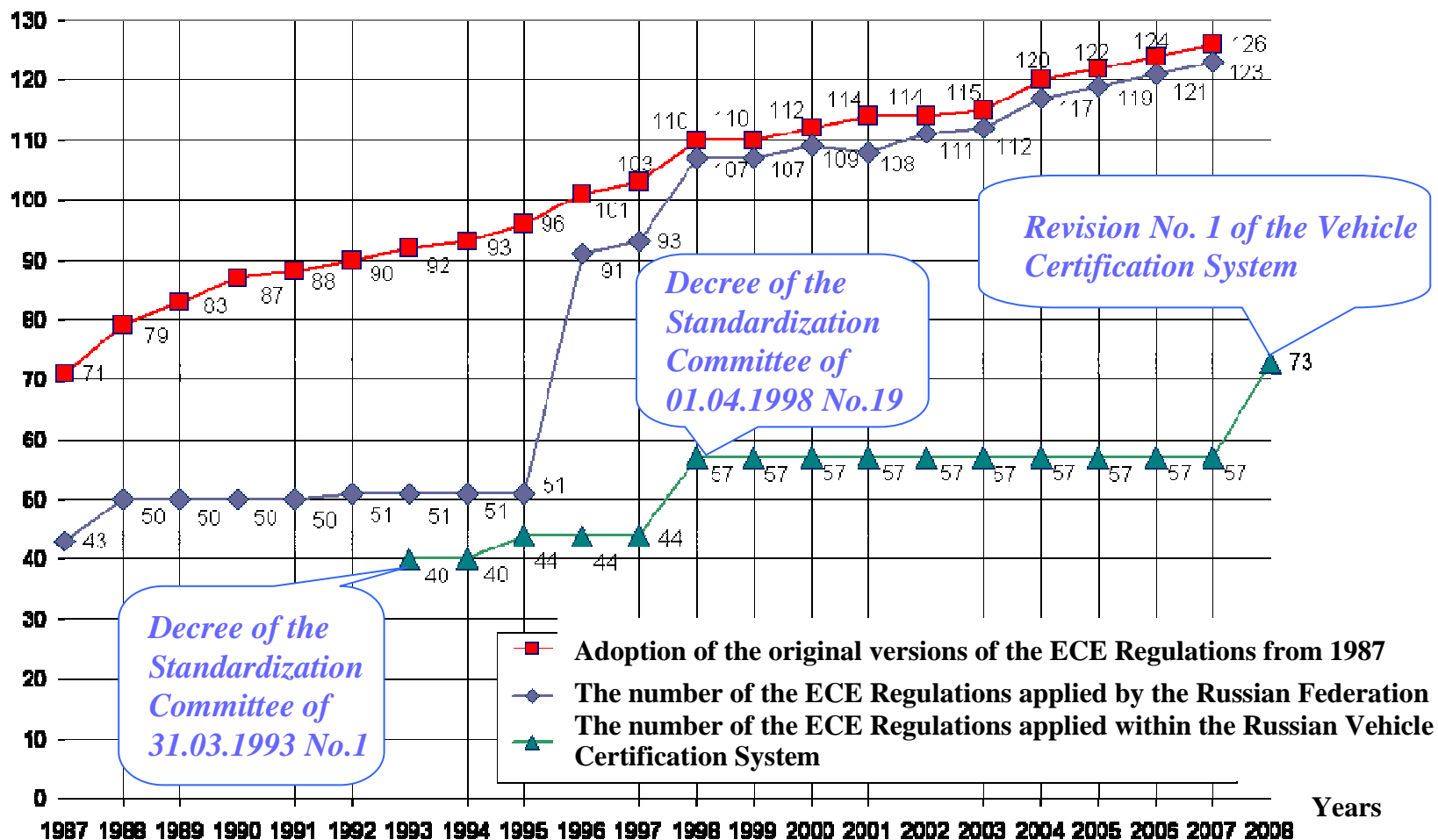
- *Protection of occupants in front collision (R94)*
- *Protection of occupants in side collision (R95)*
- *Vehicle systems for prevention of unauthorized use (R97)*
- *General safety requirements for buses (R107)*
- *CNG equipment (R110)*
- *Stability of tank vehicles (R111)*
- *Tire noise (R117)*
- *Side repeaters (lamps) (R119)*
- *Special warning lamps (R65)*
- *Speed limitation devices (R89)*
- *Electric vehicles (R100)*
- *Vehicles for carriage of dangerous goods (R105)*

Entry into Force of the New requirements

- It is stipulated that the new requirements have differentiated terms of application:
 - ◆ **For the first time applied vehicle types** – as a rule, **from 1 July 2008**;
 - ◆ **For the already certified vehicle types** – as a rule, with a 1.5-year delay, i.e., **from 1 January 2010**.

Adoption of the ECE Regulations within the framework of the 1958 Geneva Agreement and Application of Those in the Russian Federation

The number of the ECE Regulations



Application of the ECE Regulations Is a Base for the Mutual Recognition of the Certification Results

Vehicle Category	M1	M2	M3	N1	N2, N3	O
Total mandatory requirements, including:	40 ↓	36 ↓	37 ↓	40 ↓	39 ↓	16 ↓
	49	43	45	49	45	16
ECE Regulations equivalent to the EC Directives*	32 ↓	28 ↓	29 ↓	33 ↓	32 ↓	13 ↓
	42	34	36	42	38	13
Documents not equivalent to the ECE Regulations (GOST, EC Directives)	7 ↓	8 ↓	8 ↓	7 ↓	7 ↓	3 ↓
	6	9	9	7	7	3
Including GOST equivalent to the EC Directives**	3	2	2	3	2	1

* Russia also applies the ECE Regulations No. 35, not equivalent to the EC Directives

** The requirements related to forward visibility (M1 Category), vehicle marking and rear registration plate

Vehicle Requirements Directed to Lowering of Emissions, Providing Fulfillment of Obligations within the WTO TBT Agreement

- The Technical Regulation “About requirements to harmful (pollutant) emissions of automotive vehicles released for operation in the territory of the Russian Federation” (adopted by the Government Decree of 12 October 2005 No. 609):
 - For 1 January 2008 permitted vehicle emission level not lower than “Euro-3”;
- The Technical Regulation “About requirements to automobile and aviation gasoline, diesel and vessel fuel, fuel for jet engines and boiler oil” was adopted at the Government Meeting on 21 February 2008 (adopted by the Government Decree of 27 February 2008 No. 118)

Thanks for your attention!